



January 11, 2006

MAIL STOP PCT

Commissioner for Patents
P.O. BOX 1450
Alexandria, VA 22313-1450

PCT/JP2004/009611
-filed June 30, 2004

Re: Application of Toshimi NAKAMURA, Kiyoshi YAMAGISHI, Atsushi KOIKE and
Kiyotaka YANAGI
LEAK DETECTOR AND LEAK DETECTING SYSTEM USING THE SAME
Assignee: MITSUI MINING & SMELTING CO., LTD.
Our Ref: Q91344

Dear Sir:

The following documents are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- a copy of the executed Declaration and Power of Attorney.
- an English translation of the International Application.
- eighteen (18) sheets of drawings.
- a copy of the executed Assignment and PTO 1595 form.
- a copy of the ISR.
- a PTO/SB/08 A & B (modified) listing the ISR references.
- a Preliminary Amendment.
- a Substitute Specification.
- a Marked-up Specification.
- Notification Concerning Submission or Transmittal of Priority Document.

In addition to the documents submitted herewith, it is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.

It is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f).

The Government filing fee is calculated as follows:

Total claims	24	-	20	=	4	x	\$50.00	=	\$200.00
Independent claims	<u>6</u>	-	<u>3</u>	=	<u>3</u>	x	<u>\$200.00</u>	=	<u>\$600.00</u>
Base Fee									\$300.00
Search Fee*									\$400.00
Examination Fee*									\$200.00

TOTAL FILING FEE	\$1700.00
Recordation of Assignment	\$ 40.00
<u>TOTAL FEE</u>	<u>\$1740.00</u>

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IAP15 Rec'd PCT/PTO 11 JAN 2006



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* The international search fee for all claims was not paid to the USPTO, as the ISA, but the ISR is being submitted herewith.

Checks for the statutory filing fee of \$1700.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	2003-195674	July 11, 2003
Japan	2003-195675	July 11, 2003

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Alan J. Kasper / Bruce Kramer".
Alan J. Kasper
Registration No. 25,426

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Date: January 11, 2006